



Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 1 of 20

Attorney Docket No: 1376.711US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-20020078122A1	06/20/2002	Joy, W. N., et al.	02/12/2002
	US-20020091747A1	07/11/2002	REHG, J. M., et al.	05/28/1998
	US-20020116600A1	08/22/2002	Smith, L. O., et al.	11/30/2001
	US-20030097531A1	05/22/2003	Arimilli, R. V., et al.	10/16/2001
	US-20030167383A1	09/04/2003	Gupta, A. , et al.	02/22/2002
	US-20040064816A1	04/01/2004	Alverson, G. A., et al.	10/01/2003
	US-20050044339A1	02/24/2005	Sheets, K.	08/18/2003
	US-20050044340A1	02/24/2005	Sheets, K. , et al.	08/18/2003
	US-20050125801A1	06/09/2005	King, C.	02/14/2003
	US-4,412,303	10/01/1983	Barnes, G. H., et al.	11/26/1979
	US-4,414,624	11/08/1983	Summer, Jr., C. F., et al.	11/19/1980
	US-4,771,391	09/13/1988	Blasbalg, Herman	07/21/1986
	US-4,868,818	09/19/1989	Madan, Herb S., et al.	10/29/1987
	US-4,933,933	06/12/1990	Dally, William J., et al.	12/19/1986
	US-4,989,131	01/29/1991	Stone, Harold S.	07/26/1988
	US-5,008,882	04/16/1991	Peterson, J. C., et al.	08/17/1987
	US-5,012,409	04/30/1991	Fletcher, M. S., et al.	03/10/1998
	US-5,031,211	07/09/1991	Nagai, Yasuhiro , et al.	02/01/1990
	US-5,036,459	07/30/1991	Den Haan, Petrus A., et al.	03/09/1989

**EXAMINER**

/Shane Thomas/

**DATE CONSIDERED**

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 2 of 20

Attorney Docket No: 1376.711US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-5,068,851	11/26/1991	Bruckert, W. , et al.	08/01/1989
	US-5,105,424	04/14/1992	Flaig, Charles M., et al.	06/02/1988
	US-5,157,692	10/20/1992	Horie, Takeshi , et al.	03/20/1990
	US-5,161,156	11/03/1992	Baum, Richard I., et al.	02/02/1990
	US-5,170,482	12/08/1992	Shu, Renben , et al.	02/13/1991
	US-5,175,733	12/29/1992	Nugent, Steven F.	12/27/1990
	US-5,218,601	06/08/1993	Chujo, Takafumi , et al.	12/20/1990
	US-5,218,676	06/08/1993	Ben-ayed, Mondher , et al.	01/08/1990
	US-5,239,545	08/24/1993	Buchholz, Dale R.	11/05/1990
	US-5,247,635	09/21/1993	Kamiya, Y.	03/27/1990
	US-5,247,691	09/21/1993	Sakai, K.	05/15/1990
	US-5,276,899	01/04/1994	Neches, Philip M.	08/10/1990
	US-5,280,474	01/18/1994	Nickolls, John R., et al.	01/05/1990
	US-5,313,628	05/17/1994	Mendelsohn, Noah R., et al.	12/30/1991
	US-5,313,645	05/17/1994	Rolfe, David B.	05/13/1991
	US-5,331,631	07/19/1994	Teraslinna, Kari T.	03/16/1993
	US-5,333,279	07/26/1994	Dunning, Dave	06/01/1992
	US-5,341,482	08/23/1994	Cutler, D. N., et al.	12/22/1992
	US-5,341,504	08/23/1994	Mori, Kinji , et al.	03/01/1990

EXAMINER

/Shane Thomas/

DATE CONSIDERED

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 3 of 20

Attorney Docket No: 1376.711US1

**US PATENT DOCUMENTS**

<b>Examiner Initial *</b>	<b>USP Document Number</b>	<b>Publication Date</b>	<b>Name of Patentee or Applicant of cited Document</b>	<b>Filing Date If Appropriate</b>
	US-5,347,450	09/13/1994	Nugent, Steven F.	08/19/1993
	US-5,353,283	10/04/1994	Tsuchiya, Paul F.	05/28/1993
	US-5,365,228	11/15/1994	Childs, Philip L., et al.	08/21/1991
	US-5,418,916	05/23/1995	Hall, B. A., et al.	10/04/1990
	US-5,434,995	07/18/1995	Oberlin, Steven M., et al.	12/10/1993
	US-5,440,547	08/08/1995	Easki, Hiroshi , et al.	01/05/1994
	US-5,517,497	05/14/1996	LeBoudec, Jean-Yves , et al.	03/21/1995
	US-5,546,549	08/13/1996	Barrett, Linda , et al.	06/01/1994
	US-5,548,639	08/20/1996	Ogura, Takao , et al.	10/22/1992
	US-5,550,589	08/27/1996	Shiojiri, Hiroshisa , et al.	11/04/1994
	US-5,555,542	09/10/1996	Ogura, Takao , et al.	01/11/1996
	US-5,606,696	02/25/1997	Ackerman, D. F., et al.	02/25/1995
	US-5,640,524	06/17/1997	Beard, D. R., et al.	02/28/1995
	US-5,684,977	11/04/1997	Van Loo, W. C., et al.	03/31/1995
	US-5,717,895	02/10/1998	Leedom, G. W., et al.	12/01/1994
	US-5,781,775	07/14/1998	Ueno, H.	07/10/1996
	US-5,812,844	09/22/1998	Jones, M. B., et al.	12/07/1995
	US-5,978,830	11/02/1999	Nakaya, A. , et al.	02/24/1998
	US-5,995,752	11/30/1999	Chao, T. , et al.	02/03/1998

EXAMINER

/Shane Thomas/

DATE CONSIDERED

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 4 of 20

Attorney Docket No: 1376.711US1

**US PATENT DOCUMENTS**

<b>Examiner Initial *</b>	<b>USP Document Number</b>	<b>Publication Date</b>	<b>Name of Patentee or Applicant of cited Document</b>	<b>Filing Date If Appropriate</b>
	US-6,105,113	08/15/2000	Schimmel, C. F.	08/21/1997
	US-6,161,208	12/12/2000	Dutton, P. F., et al.	04/14/1999
	US-6,247,169	06/12/2001	DeLong, R. J.	11/04/1996
	US-6,269,390	07/31/2001	Boland, V. K.	12/17/1996
	US-6,269,391	07/31/2001	Gillespie, B. K.	06/19/1997
	US-6,308,250	10/23/2001	Klausler, P. M.	06/23/1998
	US-6,317,819	11/13/2001	Morton, S. G.	02/24/1999
	US-6,339,813	01/15/2002	Smith, T. B., et al.	01/07/2000
	US-6,356,983	03/12/2002	Parks, D.	07/25/2000
	US-6,389,449	05/14/2002	Nemirovsky, M. D., et al.	03/22/1999
	US-6,430,649	08/06/2002	Chaudhry, S. , et al.	06/07/1999
	US-6,496,902	12/17/2002	Faanes, G. J., et al.	12/31/1998
	US-6,496,925	12/17/2002	Rodgers, D. , et al.	12/09/1999
	US-6,591,345	07/08/2003	Seznec, A. C.	11/28/2000
	US-6,665,774	12/16/2003	Faanes, G. J., et al.	10/16/2001
	US-6,816,960	11/09/2004	Koyanagi, H.	07/10/2001
	US-6,879,948	04/12/2005	Chalfin, A. , et al.	12/14/1999
	US-6,910,213	06/21/2005	Hirono, M. , et al.	11/18/1998
	US-6,952,827	10/04/2005	Alverson, G. A., et al.	11/13/1998

EXAMINER /Shane Thomas/

DATE CONSIDERED

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 5 of 20

Attorney Docket No: 1376.711US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-7,028,143	04/11/2006	Barlow, S. , et al.	04/15/2003
	US-7,089,557	08/08/2006	Lee, R. S.	03/15/2002
	US-7,103,631	09/05/2006	van der Veen, P. H.	08/25/1999
	US-7,111,296	09/19/2006	Wolrich, G. , et al.	07/08/2003
	US-7,137,117	11/14/2006	Ginsberg, M.	04/25/2001
	US-7,143,412	11/28/2006	Koenen, D. J.	07/25/2002
	US-7,162,713	01/09/2007	Pennello, T. J.	03/13/2001
	US-7,191,444	03/13/2007	Alverson, G. A., et al.	09/16/2003
	US-7,334,110	02/19/2008	Faanes, G. J., et al.	08/18/2003

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
	EP-0353819A2	02/07/1990	Gupta, Rajiv , et al.	
	EP-0473452A2	03/04/1992	Duerrschmid, Otto , et al.	
	EP-0475282A2	03/18/1992	Kametani, M	
	EP-0501524A2	09/02/1992	Hillis, Daniel W.	
	EP-0570729A2	11/24/1993	Collins, Clive A., et al.	
	WO-8701750A1	03/26/1987	Andersson, Sten , et al.	

EXAMINER

/Shane Thomas/

DATE CONSIDERED 05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 6 of 20

Attorney Docket No: 1376.711US1

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
	WO-8808652A1	11/03/1988	Hillis, Daniel W., et al.	
	WO-9516236	06/15/1995	Oberlin, Steven M., et al.	
	WO-9610283A1	04/04/1996	Bonner, J.	
	WO-9632681A1	10/17/1996	Thorson, Gregory M., et al.	

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Application Serial No. 10/235,898 (Atty. Ref. 1376.710US1) Non Final Office Action mailed 07-07-2004, 12 pgs	
		Application Serial No. 10/235,898 (Atty. Ref. 1376.710US1) Notice of Allowance mailed 03-15-2005, 4 pgs	
		Application Serial No. 10/235,898 (Atty. Ref. 1376.710US1) Response filed 01- 06-2005 to Non Final Office Action mailed 07-07-2004, 16 pgs	
		Application Serial No. 10/643,574 (Atty. Ref. 1376.730US1 ), Non-Final Office Action Mailed 8-7-07, 31 pgs.	
		Application Serial No. 10/643,574 (Atty Ref 1376.730US1), Advisory Action mailed 5-21-07, 3 pgs.	
		Application Serial No. 10/643,574 (Atty Ref 1376.730US1), Final Office Action mailed 3-5-07, 31 pgs.	

**EXAMINER**

/Shane Thomas/

**DATE CONSIDERED**

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 806. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) 2. Applicant is in place a check mark here if English language translation is attached.

**ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 7 of 20

Attorney Docket No: 1376.711US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Application Serial No. 10/643,574 (Atty Ref 1376.730US1), Non-Final Office Action mailed 1-30-2006, 33 pgs.	
		Application Serial No. 10/643,574 (Atty Ref 1376.730US1), Non-Final Office Action mailed 7-28-2006, 30 pgs.	
		Application Serial No. 10/643,574 (Atty Ref 1376.730US1), Notice of Allowance mailed 12-05-2007, NOAR,5 pgs	
		Application Serial No. 10/643,574 (Atty Ref 1376.730US1), RCE and Response Under 37 C.F.R. 1.116 filed 7-12-07 to Final Office Action mailed 3-5-07, 19 pgs.	
		Application Serial No. 10/643,574 (Atty Ref 1376.730US1), Response filed 11-28-2006 to Non-Final Office Action mailed 7-28-2006, 15 pgs.	
		Application Serial No. 10/643,574 (Atty Ref 1376.730US1), Response filed 11-7-07 to Non-final Office Action mailed 8-7-07, 15 pgs	
		Application Serial No. 10/643,574 (Atty Ref 1376.730US1), Response filed 5-1-2006 to Non-Final Office Action mailed 1-30-2006, 29 pgs.	
		Application Serial No. 10/643,574 (Atty Ref 1376.730US1), Response filed 5-4-2007 to Final Office Action mailed 3-5-2007, 15 pgs.	
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Advisory Action mailed 4-2-07, 3 pgs.	
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Advisory Action mailed 8-14-06, 3 pgs.	

EXAMINER

/Shane Thomas/

DATE CONSIDERED

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) - Applicant to place a checkmark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 8 of 20

Attorney Docket No: 1376.711US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Amendment and Response filed 12-4-06 to Office Action mailed 10-23-06, 17 pgs.	
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Amendment and Response filed 3-22-07 to Final Office Action mailed 1-25-07, 23 pgs.	
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Amendment and Response filed 3-27-06 to Non-Final Office Action mailed 9-26-05, 7 pgs.	
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Amendment and Response filed 8-3-06 to Final Office Action mailed 4-14-06, 9 pgs.	
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Final Office Action mailed 1-25-07, 17 pgs.	
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Final Office Action mailed 4-14-06, 13 pgs.	
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Non-Final Office Action mailed 10-23-06, 12 pgs.	
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Non-Final Office Action mailed 9-26-05, 9 pgs.	
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Notice of Allowance mailed 12-11-2007, NOAR, 6 pgs	
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Notice of Allowance mailed 6-11-07, 6 pgs.	

**EXAMINER**

/Shane Thomas/

**DATE CONSIDERED**

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

**ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/**



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 9 of 20

Attorney Docket No: 1376.711US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), RCE and Amendment and Response filed 4-23-07 to Final Office Action mailed 1-25-07 and the Advisory Action mailed 4-2-07, 15 pgs.	
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Request for Continued Examination filed 9-14-06, 1 pg.	
		Application Serial No. 10/643,585 (Atty Ref 1376.700US1), Response to Rule 312 Communication mailed 7-23-07, 2 pgs.	
		Application Serial No. 10/643,585 (Atty. Ref.1376.700US1) Notice of Allowance mailed 04-08-08, NOAR,2 pgs	
		Application Serial No. 10/643,586 (Atty Ref 1376.699US1), Notice of Allowance mailed 10-23-07, 5 pgs.	
		Application Serial No. 10/643,586 (Atty Ref 1376.699US1), Advisory Action mailed 1-18-07, 3 pgs.	
		Application Serial No. 10/643,586 (Atty Ref 1376.699US1), Final Office Action mailed 10-19-06, 27 pgs.	
		Application Serial No. 10/643,586 (Atty Ref 1376.699US1), Non-Final Office Action mailed 2-8-2006, 21 pgs.	
		Application Serial No. 10/643,586 (Atty Ref 1376.699US1), Non-Final Office Action mailed 5-2-2007, 36 pgs.	
		Application Serial No. 10/643,586 (Atty Ref 1376.699US1), Response filed 1-5-2007 to Final Office Action mailed 10-19-2006, 22 pgs.	

EXAMINER

/Shane Thomas/

DATE CONSIDERED 05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 10 of 20

Attorney Docket No: 1376.711US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Application Serial No. 10/643,586 (Atty Ref 1376.699US1), Response filed 8-1-2006 to Non-Final Office Action mailed 2-8-2006, 24 pgs.	
		Application Serial No. 10/643,586 (Atty. Ref. 1376.699US1) Response to Non-Final Office Action filed 9-4-2007, 18 pgs.	
		Application Serial No. 10/643,586, (Atty Ref 1376.699US1) Response filed 2-16-2007 to Advisory Action mailed 10-19-2006, 18 pgs	
		Application Serial No. 10/643,587 (Atty Ref 1376.717US1), Amendment and Response filed 8-13-07 to Non-Final Office Action mailed 5-8-07, 20 pgs.	
		Application Serial No. 10/643,587 (Atty Ref 1376.717US1), Non-Final Office Action mailed 5-8-2007, 14 pgs.	
		Application Serial No. 10/643,587 (Atty. Ref. 1376.717US1 ), Final Office Action mailed 10-31-07, FOAR, 19 pgs	
		Application Serial No. 10/643,727 (Atty Ref 1376.731US1), Non-Final Office Action mailed 2-16-2006, 33 pgs.	
		Application Serial No. 10/643,727 (Atty Ref 1376.731US1), Non-Final Office Action mailed 8-11-2006, 29 pgs.	
		Application Serial No. 10/643,727 (Atty Ref 1376.731US1), Notice of Allowance mailed 11-27-07, NOAR, 5 pgs	
		Application Serial No. 10/643,727 (Atty Ref 1376.731US1), Notice of Allowance mailed 2-28-2007, 5 pgs.	
		Application Serial No. 10/643,727 (Atty Ref 1376.731US1), Notice of Allowance mailed 7-19-07, 5 pgs.	

EXAMINER

/Shane Thomas/

DATE CONSIDERED

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant to indicate citation designation number (optional). Applicant to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 11 of 20

Attorney Docket No: 1376.711US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Application Serial No. 10/643,727 (Atty Ref 1376.731US1), Response filed 1-11-2007 to Non-Final Office Action mailed 8-11-2006, 20 pgs.	
		Application Serial No. 10/643,727 (Atty Ref 1376.731US1), Response filed 6-15-2006 to Non-Final Office Action mailed 2-16-2006, 21 pgs.	
		Application Serial No. 10/643,738 (Atty Ref 1376.726US1) Response filed 1-16-2006 non-final office action mailed 9-26-2005, 13 pgs.	
		Application Serial No. 10/643,738 (Atty Ref 1376.726US1) Response filed 6-19-2006 non-final office action mailed 2-17-2006, 10 pgs.	
		Application Serial No. 10/643,738 (Atty Ref 1376.726US1), Final Office Action mailed 4-17-2007, 12 pgs.	
		Application Serial No. 10/643,738 (Atty ref 1376.726US1), Non-Final Office Action mailed 11-01-07, 19 pgs	
		Application Serial No. 10/643,738 (Atty Ref 1376.726US1), Non-Final Office Action mailed 2-17-2006, 9 PGS	
		Application Serial No. 10/643,738 (Atty Ref 1376.726US1), Non-Final Office Action mailed 9-26-2005, 11 pgs.	
		Application Serial No. 10/643,738 (Atty Ref 1376.726US1), Response filed 7-17-2007 final office action mailed 4-17-2007, 17 pgs.	
		Application Serial No. 10/643,741 (Atty Ref 1376.733US1 ) Final Office Action mailed 9-11-07, 26 pgs	
		Application Serial No. 10/643,741 (Atty Ref 1376.733US1), Amendment and Response mailed 11-13-07 to Final Office Action mailed 9-11-07, 14 pgs	

EXAMINER

/Shane Thomas/

DATE CONSIDERED

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). 2. Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 12 of 20

Attorney Docket No: 1376.711US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

<b>Examiner Initials*</b>	<b>Cite No <sup>1</sup></b>	<b>Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.</b>	<b>T<sup>2</sup></b>
		Application Serial No. 10/643,741 (Atty Ref 1376.733US1), Non-Final Office Action mailed 4-5-2007, 19 pgs	
		Application Serial No. 10/643,741 (Atty Ref 1376.733US1), Notice of Allowance mailed 02-12-2008, NOAR,3 pgs	
		Application Serial No. 10/643,741 (Atty Ref 1376.733US1), Response filed 6-4-2007 to Non-Final Office Action mailed 4-5-2007, 16 pgs	
		Application Serial No. 10/643,741 (Atty. Ref.1376.733US1), Supplemental Notice of Allowability mailed 03-25-08, (03 25 2008),6 Pgs	
		Application Serial No. 10/643,742(Atty. Ref. 1376.697US1) Non-Final Office Action mailed 04-09-08, OARN,16 Pgs	
		Application Serial No. 10/643,742, (Atty Ref 1376.697US1) Non-Final Office Action mailed 6-4-2007, 13 pgs.	
		Application Serial No. 10/643,742, (Atty Ref 1376.697US1) Notice of Allowance mailed 11-7-2007, 5 pgs	
		Application Serial No. 10/643,742, (Atty Ref 1376.697US1) Response filed 10-11-2007 to Non-Final Office Action mailed 6-4-2007, 18 pages	
		Application Serial No. 10/643,754 (Atty Ref 1376.724US1), Advisory Action mailed 11-22-06, 3 pgs.	
		Application Serial No. 10/643,754 (Atty Ref 1376.724US1), Amendment and Response filed 03/26/08 to Final Office Action mailed 9/26/07, 12 pages	
		Application Serial No. 10/643,754 (Atty Ref 1376.724US1), Final Office Action Mailed 11-26-2007, 29 pgs	

EXAMINER

/Shane Thomas/

DATE CONSIDERED

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 806. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 13 of 20

Attorney Docket No: 1376.711US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Application Serial No. 10/643,754 (Atty Ref 1376.724US1), Final Office action mailed 9-14-2006, 21 pgs.	
		Application Serial No. 10/643,754 (Atty Ref 1376.724US1), Non-Final Office Action mailed 2-8-2006, 16 pgs.	
		Application Serial No. 10/643,754 (Atty Ref 1376.724US1), Non-Final Office Action mailed 7-5-2007, 23 pgs.	
		Application Serial No. 10/643,754 (Atty Ref 1376.724US1), Response filed 1/25/08 to Final Office Action mailed 11/25/07, 20 pgs	
		Application Serial No. 10/643,754 (Atty Ref 1376.724US1), Response filed 11-7-2006 to Final Office Action mailed 9-14-2006, 12 pgs.	
		Application Serial No. 10/643,754 (Atty Ref 1376.724US1), Response filed 3-30-2007 to Advisory Action mailed 11-22-2006, 10 pgs.	
		Application Serial No. 10/643,754 (Atty Ref 1376.724US1), Response filed 7-10-2006 to Non-Final Office Action mailed 2-8-2006, 12 pgs.	
		Application Serial No. 10/643,754 (Atty Ref 1376.742US1), Amendment & Response filed 10/9/07 to Non-final OA mailed 7/5/07, 14 pgs	
		Application Serial No. 10/643,758 (Atty Ref 1376.729US1 ), Notice of Allowance mailed 01-07-08, NOAR,4 pgs	
		Application Serial No. 10/643,758 (Atty Ref 1376.729US1) Notice of Allowance mailed 10-19-07, 4 pgs.	
		Application Serial No. 10/643,758 (Atty Ref 1376.729US1), Notice of Allowance mailed 7-19-07, 4 pgs.	

EXAMINER

/Shane Thomas/

DATE CONSIDERED

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 14 of 20

Attorney Docket No: 1376.711US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Application Serial No. 10/643,758 (Atty Ref 1376.729US1), Amendment and Response filed 7-10-2006 to Final Office Action 3-10-06, 9 pgs.	
		Application Serial No. 10/643,758 (Atty Ref 1376.729US1), Final Office Action mailed 2-6-2007, 23 pgs.	
		Application Serial No. 10/643,758 (Atty Ref 1376.729US1), Final Office Action mailed 3-10-2006, 13 pgs.	
		Application Serial No. 10/643,758 (Atty Ref 1376.729US1), Non-Final Office Action mailed 8-15-2006, 15 pgs.	
		Application Serial No. 10/643,758 (Atty Ref 1376.729US1), Non-Final Office Action mailed 8-30-2005, 8 pgs.	
		Application Serial No. 10/643,758 (Atty Ref 1376.729US1), Response filed 1-30-2006 to Non-Final Office Action mailed 8-30-2005, 9 pgs.	
		Application Serial No. 10/643,758 (Atty Ref 1376.729US1), Response filed 12-14-2006 to Non-Final Office Action mailed 8-15-2006, 17 pgs.	
		Application Serial No. 10/643,758 (Atty Ref 1376.729US1), Response filed 4-17-2007 to Final Office Action mailed 2-6-2007, 25 pgs.	
		Application Serial No. 10/643,767 (Atty Ref 1376.719US1), Non-Final Office Action mailed 10-6-2006, 7 pgs.	
		Application Serial No. 10/643,769 (Atty Ref 1376.718US1) Response filed 7-23-2007 non-final office action mailed 4-23-2007, 12 pgs.	
		Application Serial No. 10/643,769 (Atty Ref 1376.718US1), Non-Final Office Action mailed 4-23-2007, 13 pgs.	

EXAMINER

/Shane Thomas/

DATE CONSIDERED

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 15 of 20

Attorney Docket No: 1376.711US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Application Serial No. 10/643,769 (Atty Ref 1376.718US1), Notice of Allowance mailed 01-15-2008, NOAR,4 pgs	
		Application Serial No. 10/643,769 (Atty. Ref. 1376.718US1 ), Notice of Allowance Mailed 10-29-2007, 17 pgs	
		Cray Assembly Language (CAL) for Cray X1tm Systems Reference Manual, Section 2.6, Memory Ordering, <a href="http://docs.cray.com/books/S-2314-51/index.html">http://docs.cray.com/books/S-2314-51/index.html</a> , (Jun. 2003), 302 pgs.	
		Deadlock-Free Routing Schemes on Multistage Interconnection Networks, <u>IBM Technical Disclosure Bulletin</u> , 35, (December, 1992), 232-233	
		ECPE 4504: Computer Organization Lecture 12: Computer Arithmetic, The Bradley Department of Electrical Engineering, (October 17, 2000), 12 pgs.	
		International Search Report for corresponding PCT Application No. PCT/US2004/026814, (March 10, 2005), 2 pgs.	
		International Search Report for International Application No. PCT/IE 95/00047, <u>Date of Completion - December 22, 1995; Authorized Officer - R. Salm.,</u>	
		International Search Report for International Application No. PCT/US 95/15483, <u>Date of completion - April 24, 1996; Authorized Officer - P. Schenkels,</u>	
		"Msync - Synchronise Memory with Physical Storage", <u>The Single UNIXÂ® Specification, Version 2: Msync, The Open Group,</u> <a href="http://www.opengroup.org/onlinepubs/007908799/xsh/msync.html">http://www.opengroup.org/onlinepubs/007908799/xsh/msync.html</a> , (1997), 3 pgs.	

EXAMINER

/Shane Thomas/

DATE CONSIDERED

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><i>Complete if Known</i></td> </tr> <tr> <td style="width: 40%;"><b>Application Number</b></td> <td>10/643,577</td> </tr> <tr> <td><b>Filing Date</b></td> <td>August 18, 2003</td> </tr> <tr> <td><b>First Named Inventor</b></td> <td>Faanes, Gregory</td> </tr> <tr> <td><b>Group Art Unit</b></td> <td>2186</td> </tr> <tr> <td><b>Examiner Name</b></td> <td>Thomas, Shane</td> </tr> </table>	<i>Complete if Known</i>		<b>Application Number</b>	10/643,577	<b>Filing Date</b>	August 18, 2003	<b>First Named Inventor</b>	Faanes, Gregory	<b>Group Art Unit</b>	2186	<b>Examiner Name</b>	Thomas, Shane
<i>Complete if Known</i>													
<b>Application Number</b>	10/643,577												
<b>Filing Date</b>	August 18, 2003												
<b>First Named Inventor</b>	Faanes, Gregory												
<b>Group Art Unit</b>	2186												
<b>Examiner Name</b>	Thomas, Shane												
Sheet 16 of 20	Attorney Docket No: 1376.711US1												

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ADVE, V. S., et al., "Performance Analysis of Mesh Interconnection Networks with Deterministic Routing", <u>Transactions on Parallel and Distributed Systems</u> , 5(5), (March, 1994), 225-246	
		ALVERSON, G. , et al., "Tera Hardware-Software are cooperation", <u>ACM, FOAR</u> , (1997), 1-16 pgs	
		BOLDING, KEVIN , "Non-Uniformities Introduced by Virtual Channel Deadlock Prevention", <u>Technical Report 92-07-07, Department of Computer Science and Engineering, FR-35 University of Washington; Seattle, WA 98195</u> , (July 21, 1992),	
		BOLLA, R. , "A Neural Strategy for Optimal Multiplexing of Circuit and Packet-Switched Traffic", <u>Proceedings, IEEE Global Telecommunications Conference</u> , (1992), 1324-1330	
		BOURA, Y. M., et al., "Efficient Fully Adaptive Wormhole Routing in n-dimensional Meshes", <u>Proceedings, International Conference on Distributed Computing Systems</u> , (June, 1994), 589-596	
		BUNDY, A. , et al., "Turning Eureka Steps into Calculations in Automatic Program Synthesis", <u>Proceedings of UK IT 90, (IEE Conf. Pub. 316) (DAI Research Paper 448)</u> , (1991), 221-226	
		CHIEN, A. A., et al., "Planar-Adaptive Routing: Low-Cost Adaptive Networks for Multiprocessors", <u>Proceedings 19th International Symposium on Computer Architecture</u> , (May 1992), 268-277	
		COHOON, J. , et al., <u>C++ Program Design</u> , McGraw-Hill Companies, Inc., 2nd Edition, (1999), 493	

EXAMINER /Shane Thomas/

DATE CONSIDERED 05/27/2008

Substitute Disclosure Statement Form (PTO-1449)  
\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 908. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 17 of 20

Attorney Docket No: 1376.711US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		DALLY, W. J., et al., "Deadlock-Free Adaptive Routing in Multicomputer Networks Using Virtual Channels", <u>IEEE Transactions on Parallel and Distributed Systems</u> , 4(4), (April 1993),466-475	
		DALLY, WILLIAM , et al., "Deadlock-Free Message Routing in Multiprocessor Interconnection Networks", <u>IEEE Transactions on Computers</u> , C-36, (May 1987),547-553	
		DALLY, WILLIAM , "Performance Analysis of k-ary n-cube Interconnection Networks", <u>IEEE Transactions on Computers</u> , 39(6), (June 1990),775-785	
		DALLY, W. J., "Virtual Channel Flow Control", <u>Proceedings, 17th International Symposium on Computer Architecture</u> , (May, 1990),60-68	
		DUATO, J. , "A New Theory of Deadlock-Free Adaptive Routing in Wormhole Networks", <u>IEEE Transactions on Parallel and Distributed Systems</u> , 4(12), (December, 1993),1320-1331	
		ERNST, D. , et al., "Cyclone: A Broadcast-Free Dynamic Instruction Scheduler with Selective Replay", <u>30th Annual International Symposium on Computer Architecture (ISCA-2003)</u> , (June, 2003),10 pgs.	
		GALLAGER, ROBERT , "Scale Factors for Distributed Routing Algorithm", <u>NTC '77 Conference Record</u> , Vol. 2, (1977),28:2-1 - 28:2-5	
		GLASS, C. J., et al., "The Turn Model for Adaptive Routing", <u>Proceedings, 19th Interanational Symposium on Computer Architecture</u> , (May, 1992),278-287	

EXAMINER

/Shane Thomas/

DATE CONSIDERED

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) is Applicant's to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/643,577
	Filing Date	August 18, 2003
	First Named Inventor	Faanes, Gregory
	Group Art Unit	2186
	Examiner Name	Thomas, Shane
Sheet 18 of 20	Attorney Docket No: 1376.711US1	

## OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		GRAVANO, L , et al., "Adaptive Deadlock- and Livelock-Free Routing with all Minimal Paths in Torus Networks", <u>IEEE Transactions on Parallel and Distributed Systems</u> , 5(12), (December 1994),1233-1251	
		HANDY, J. , "The Cache Memory Book", <u>Academic Press</u> , (1993),73-84	
		JESSHOPE, C. R., et al., "High Performance Communications in Processor Networks", <u>Proc. 16th International Symposium on Computer Architecture</u> , (May 1989),pgs. 150-157	
		KIRKPATRICK, S. , et al., "Optimization by Simulated Annealing", <u>Science</u> , 220(4598), (May 13, 1983),671-680	
		KONTOTHANASSIS, L. , et al., "VM-based shared memory on low-latency, remote-memory-access networks", <u>Proceedings of the ACM ISCA '97</u> , (1997),157-169	
		LINDER, DANIEL H., et al., "An Adaptive and Fault Tolerant Wormhole Routing Strategy for k-ary n-cubes", <u>IEEE Transactions on Computers</u> ,40(1), (1991),2-12	
		LUI, Z , et al., "Grouping Virtual Channels for Deadlock-Free Adaptive Wormhole Routing", <u>5th International Conference, Parallel Architectures and Languages Europe (PARLE '93)</u> , (June 14-17, 1993),254-265	
		NUTH, PETER , et al., "The J-Machine Network", <u>Proceedings of the IEEE International Conference on Computer Design on VLSI in Computer &amp; Processors</u> , (1992),420-423	

EXAMINER

/Shane Thomas/

DATE CONSIDERED

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1. Applicant's unique citation designation number (optional). 2. Applicant to please check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/643,577
Filing Date	August 18, 2003
First Named Inventor	Faanes, Gregory
Group Art Unit	2186
Examiner Name	Thomas, Shane

Sheet 19 of 20

Attorney Docket No: 1376.711US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		PATTERSON, D. A., et al., <u>Computer Architecture: A Quantitative Approach</u> , 2nd Edition, Morgan Kaufmann Publishers, Inc., San Francisco, CA,(1996),194-197	
		SCOTT, S. , "Synchronization and Communication in the T3E Multiprocessor", <u>ASPLOS, Volume II</u> , (1996),pp. 26-36	
		SHUMWAY, M , "Deadlock-Free Packet Networks", <u>Transputer Research and Applications 2, NATUG-2 Proceedings of the Second Conference of the North American Transputer Users Group</u> , (October 18-19, 1989),139-177	
		SNYDER, L. , "Introduction to the Configurable, Highly Parallel Computer", <u>IEEE Computer 15(1)</u> , (January 1982),47-56	
		TALIA, D. , "Message-Routing Systems for Transputer-Based Multicomputers", <u>IEEE Micro, 13(3)</u> , (June, 1993),62-72	
		WANG, WEILIN , et al., "Trunk Congestion Control in Heterogeneous Circuit Switched Networks", <u>IEEE Transactions on Communications, 40(7)</u> , (July, 1992),1156-1161	
		WU, MIN-YOU , et al., "DO and FORALL: Temporal and Spatial Control Structures", <u>Proceedings, Third Workshop on Compilers for Parallel Computers, ACPC/TR</u> , (July, 1992),258-269	
		YANG, C. S., et al., "Performance Evaluation of Multicast Wormhole Routing in 2D-Torus Multicomputers", <u>Proceedings, Fourth International Conference on Computing and Information (ICCI '92)</u> , (1992),173-178	

EXAMINER

/Shane Thomas/

DATE CONSIDERED

05/27/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) - Applicant to place a checkmark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/643,577
<b>Filing Date</b>	August 18, 2003
<b>First Named Inventor</b>	Faanes, Gregory
<b>Group Art Unit</b>	2186
<b>Examiner Name</b>	Thomas, Shane

Sheet 20 of 20

Attorney Docket No: 1376.711US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		YANTCHEV, J. , et al., "Adaptive, Low Latency, Deadlock-Free Packet Routing for Networks of Processors", <u>IEEE Proceedings</u> , 136, Part E, No. 3, (May,1989),178-186	

**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

**ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMT/**